BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK: CONSTRUCTION OF MARKET BUILDING AT J.P.PARK IN WARD NO.17

RR Nagar Project

MEASUREMENT SHEETS

PAYMENT CERTIFICATE

Third & Part BILL

Scanned with CamScanner

BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work:-Construction of Market Building At Jp Park in Ward No 17.

Measurement Sheet

Third and Part Bill

Item No:	13
Item Name:	Providing and laying in position plain cement concrete of mix M15 with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggergates @ 0.459 cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specification.

	CHAINAGE / Land Mark	NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
	Water Proofing								
	Terrace floor water proofing screed	1.00	58.00	17.00			0.08	73.95	
	Terrace Parapet wall coping								
	North side	1.00	17.00	0.15	0.10			0.26	
	South side	1.00	20.00	0.15	0.10			0.30	
	East and west side portion	2.00	58.00	0.15	0.10			1.74	
	Both side balcony projections								
	On East side portion	2.00	58.00	1.50			0.10	17.40	
	On West side portion	3.00	58.00	0.60			0.10	10.44	
							Total Qty Work Done	**104.09**	**Cum**
							Qty on this Bill	**104.09**	**Cum**

AEE(P)-2
ಕಾ.ಅ. (ಯೋ)
ರಾ.ರಾ. ನಗರ

QUALITY CONSULTANTS & ENGINEERS Bangalore

Contractor Representative

Consultant's Representative

Assistant Engineer
RR Nagara Division (Project)

Asst.Executive Engineer
RR Nagara Division (Project)

Scanned with CamScanner

BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work:-Construction of Market Building At Jp Park in Ward No 17.

Measurement Sheet

Third and Part Bill

Item No:	19
Item Name:	Providing and laying cement concrete using 20mm and down size granite coarse aggregates and fine aggregates of ready mixed concrete for RCC works laid in 15 cm thick layers and well compacted including vibrating curing etc., with all lead and lift etc., complete. (exculsive of cost of steel and fabrication charges -Ready mixed Cement concrete for Beams, Staircase and Roof with M-30 First Floor

	CHAINAGE / Land Mark	NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
	Front Staircase - 1								
	Steps	9.00	2.00	0.25	0.50		0.20	0.45	
	Waist slab	1.00	2.00	3.30			0.15	0.99	
	Front Staircase - 2								
	Steps	9.00	2.00	0.25	0.50		0.20	0.45	
	Waist slab	1.00	2.00	3.30			0.15	0.99	AEE(P)-2 RRN
	Front Staircase - 3								
	Steps	9.00	2.00	0.25	0.50		0.20	0.45	
	Waist slab	1.00	2.00	3.30			0.15	0.99	
	Front Staircase - 4								
	Steps	9.00	2.00	0.25	0.50		0.20	0.45	
	Waist slab	1.00	2.00	3.30			0.15	0.99	

First Bill		
Qty vide on Measurement Sheet...File No - 2, Page No - 206 Qty	**234.01**	**Cum**
Second Bill Qty	**0.00**	**Cum**
Third Bill Qty	**5.76**	**Cum**
Total Qty Workdone	**239.77**	**Cum**
Deduct Paid Qty	**211.50**	**Cum**
Qty on this Bill	**0.00**	**Cum**
Reserved Qty Want Of Approval	**5.76**	**Cum**

Contractor Representative

QUALITY CONSULTANTS & ENGINEERS Bangalore

Consultant Representative

Assistant Engineer
RR Nagara Division (Project)

Asst.Executive Engineer
RR Nagara Division (Project)

Scanned with CamScanner

BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work:-Construction of Market Building At Jp Park in Ward No 17.

Measurement Sheet

Third and Part Bill

Item No:	20	
Item Name:	Providing and laying cement concrete using 20mm and down size granite coarse aggregates and fine aggregates of ready mixed concrete for RCC works laid in 15 cm thick layers and well compacted including vibrating curing etc., with all lead and lift etc., complete. (exculsive of cost of steel and fabrication charges Ready mixed Cement concrete for Beams, Staircase and Roof with M-30 Second Floor	

	CHAINAGE / Land Mark	NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
	Lintels								
	Bathroom entrance door	4.00	1.50	0.15			0.15	0.14	
	Bathroom doors	8.00	1.05	0.10			0.15	0.13	AEE(P)-2 RRN
	East side Balcony projection Flooring	1.00	58.00			1.50	0.08 / 0.075	6.53	6.98
First Bill									
Qty vide on Measurement Sheet...File No - 2, Page No - 203 Qty								**231.23**	**Cum**
Second Bill							**Qty**	**0.00**	**Cum**
Third Bill							**Qty**	**6.79**	**Cum**
							Total Qty Workdone	**238.02**	**Cum**
							Deduct Paid Qty	**189.00**	**Cum**
							Qty on this Bill	**0.00**	**Cum**
							Reserved Qty Want Of Approval	**6.79** / 6.80	**Cum**

Contractor Representative

QUALITY CONSULTANTS & ENGINEERS Bangalore

Consultant Representative

Assistant Engineer
RR Nagara Division (Project)

Asst.Executive Engineer
RR Nagara Division (Project)

Scanned with CamScanner

BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work:-Construction of Market Building At Jp Park in Ward No 17.

Measurement Sheet

Third and Part Bill

Item No:	21
Item Name:	Providing and laying cement concrete using 20mm and down size granite coarse aggregates and fine aggregates of ready mixed concrete for RCC works laid in 15 cm thick layers and well compacted including vibrating curing etc., with all lead and lift etc., complete. (exculsive of cost of steel and fabrication charges -Ready mixed Cement concrete for Beams, Staircase and Roof with M-30 Third Floor

	CHAINAGE / Land Mark	NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
	Lintels								
	Bathroom entrance door	4.00	1.50	0.15			0.15	0.14	
	Bathroom doors	8.00	1.05	0.10			0.15	0.13	
	East side Balcony	1.00	58.00			1.50	0.08	6.53	
First Bill							Qty	0.00	Cum
Second Bill									Cum
Qty vide on Measurement Sheet...File No - 2, Page No - 401							Qty	235.10	Cum
Third Bill							Qty	6.79	Cum
							Total Qty Workdone	241.89	Cum
							Deduct Paid Qty	189.00	Cum
							Qty on this Bill	0.00	Cum
							Reserved Qty Want Of Approval	6.79	Cum

AEE(P)-2 RRN

QUALITY CONSULTANTS & ENGINEERS Bangalore

Contractor Representative

Consultant Representative

Assistant Engineer
RR Nagara Division (Project)

Asst.Executive Engineer
RR Nagara Division (Project)

Scanned with CamScanner

BRUHAT BANGALORE MAHANAGARA PALIKE

me of Work:-Construction of Market Building At Jp Park in Ward No 17.

Measurement Sheet

Third and Part Bill

tem No:	22
tem me:	Providing and laying cement concrete using 20mm and down size granite coarse aggregates and fine aggregates of ready mixed concrete for RCC works laid in 15 cm thick layers and well compacted including vibrating curing etc., with all lead and lift etc., complete. (exculsive of cost of steel and fabrication charges -Ready mixed Cement concrete for Beams, Staircase and Roof with M-30 Terrece Floor

CHAINAGE / Land Mark	NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
Lift slab								
Slab Grid C - E	1.00	5.10	2.40			0.150	1.84	
Roof Beams								
4B3	2.00	5.10	0.20			0.300	0.61	
4B1	1.00	2.40	0.20			0.300	0.14	
4B2	2.00	2.40	0.23			0.300	0.33	
Dummy Columns	60.00	0.60	0.30			0.600	6.48	
Terrace floor Lintels								
Window	1.00	2.40	0.15			0.150	0.05	
Door	1.00	1.80	0.15			0.150	0.04	

st Bill	**Qty**	**0.00**	**Cum**
cond Bill			**Cum**
y vide on Measurement Sheet...File No - 2, Page No - 400	**Qty**	**13.29**	**Cum**
ird Bill	**Qty**	**9.50**	**Cum**
	Total Qty Workdone	**22.79**	**Cum**
	Deduct Paid Qty	**13.29**	**Cum**
	Qty on this Bill	**1.21**	**Cum**
	Reserved Qty Want Of Approval	**8.29**	**Cum**

AEE(P)-2 R

Contractor Representative

QUALITY CONSULTANTS & ENGINEERS Bangalore

Consultant Representative

Assistant Engineer
RR Nagara Division (Project)

Asst.Executive Engineer
RR Nagara Division (Project)

Scanned with CamScanner

BRUHAT BANGALORE MAHANAGARA PALIKE

me of Work:-Construction of Market Building At Jp Park in Ward No 17.

Measurement Sheet

Third and Part Bill

em No:	28	
em me:	Providing and removing centering, shuttering, strutting, propping etc., an removal of form work for sides & soffits of beams, beam hauncing cantilever girders, bressumers & lintels & not exceeding 1.0 in depth including cost of all materials, labour complete as per specifications. - Third Floor	

CHAINAGE / Land Mark	NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
Third Floor								
B (1, 2 & 3)	1x1	57.800				0.45	26.01	
(30+22.3=52.3)	1x1	52.300				0.30	15.69	
B-4	1x1	5.800				0.30	1.74	
B-	2x1	52.300				0.30	31.38	
	1x1	1.500				0.45	0.68	
	1x1	1.350				0.30	0.41	
B-	1x1	52.300				0.30	15.69	
	1x1	1.500				0.45	0.68	
	1x1	1.350				0.30	0.41	
(30+21.9=51.9)	1x1	51.900				0.30	15.57	
B-8	1x1	3.500				0.30	1.05	
	1x1	3.300				0.30	0.99	
B9	1x2	1.800				0.45	1.62	
	1x2	1.900				0.45	1.71	
B-10	2x2	3.050				0.30	3.66	
B-12A	1x2	0.650				0.30	0.39	
B-13	2x2	3.300				0.30	3.96	
	2x2	2.900				0.30	3.48	
B(14,14A and	1x2	52.600				0.30	31.56	
B-	1x1	57.800				0.45	26.01	
(30+22.3=52.30	1x1	52.300				0.30	15.69	
B-16 & 16A	1x1	16.200				0.45	7.29	
	1x1	15.050				0.30	4.51	
	1x1	4.700				0.45	2.11	
	1x1	3.900				0.30	1.17	
B-17	1x2	15.050				0.30	9.03	
B-18 & 18-A	2x12	15.050				0.30	108.36	
B-19	1x2	15.050				0.30	9.03	
B-20	1x2	15.050				0.30	9.03	
B-21	2x2	2.850				0.30	3.42	
B-22	1x1	6.100				0.30	1.83	
	1x1	5.500				0.45	2.48	
B-23	1x1	2.570				0.45	1.16	
	1x1	2.170				0.30	0.65	
B-24	1x2	15.050				0.30	9.03	
B-25	1x2	7.800				0.30	4.68	

Scanned with CamScanner

	B-26	1x1	16.200				0.45	7.29	
		1x1	15.050				0.30	4.51	
st Bill								0.00	Sqm
cond Bill									
y vide on Measurement Sheet...File No - 2, Page No - 397 Qty								53.28	Sqm
ird Bill								383.93	Sqm
							Total Qty Workdone	437.21	Sqm
							Deduct Paid Qty	53.28	Sqm
							Qty on this Bill	353.42	Sqm
							Reserved Qty Want Of Approval	30.51	Sqm

Contractor Representative

QUALITY CONSULTANTS & ENGINEERS Bangalore

Consultant Representative

Assistant Engineer
RR Nagara Division (Project)

Asst.Executive Engineer
RR Nagara Division (Project)

Scanned with CamScanner

BRUHAT BANGALORE MAHANAGARA PALIKE

me of Work:-Construction of Market Building At Jp Park in Ward No 17.

Measurement Sheet

Third and Part Bill

em lo:	29	
em me:	Providing and removing centering, shuttering, strutting, propping etc., an removal of form work for sides & soffits of beams, beam hauncing cantilever girders, bressumers & lintels & not exceeding 1.0 in depth including cost of all materials, labour complete as per specifications. - Terrece Floor	

CHAINAGE Land Mark	NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
Terrace Floor								
Lift Beams								
4B1	1.00	2.40			0.20		0.48	
	2.00	2.40				0.450	2.16	
4B2	1.00	2.40			0.23		0.55	
	4.00	2.40				0.450	4.32	
4B3	2.00	5.10			0.20		2.04	
	4.00	5.10				0.450	9.18	
	2.00	5.60				0.450	5.04	

AEE(P)-2 RRN

t Bill	Qty	0.00	Sqm
ond Bill	Qty		
vide on Measurement Sheet...File No - 2, Page No - 396	Qty	42.00	
d Bill	Qty	23.77	Sqm
	Total Qty Workdone	65.77	Sqm
	Deduct Paid Qty	42.00	Sqm
	Qty on this Bill	0.00	Sqm
	Reserved Qty Want Of Approval	23.77	Sqm

Contractor Representative

QUALITY CONSULTANTS & ENGINEERS Bangalore

Consultant Representative

Assistant Engineer
RR Nagara Division (Project)

Asst.Executive Engineer
RR Nagara Division (Project)

Scanned with CamScanner

BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work:-Construction of Market Building At Jp Park in Ward No 17.

Measurement Sheet

Third and Part Bill

Item No:	30
	Providing and laying in position reinforced cement cocnrete of design mix M20 with OPC cement @ 27.20 Kgs with 12mm & down sizes graded grantie metal coarse aggregated @ 0.5865 cum & fine aggregates, @ 0.391 Cum with super super plastisiser @ 0.225 Ltrs maichine mixed well compacted plain chajja 7.5 Cms avg thickness, up to ground floor level including removing centering, shuttering, strutting, propping etc., and removal of form work for cost of all materials, laobur HOM of machinary, curing complete as per specification - Second Floor

CHAINAGE / Land Mark	NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
Second Floor								
W	3.00	2.30			0.60		4.14	
						Total Qty Work Done	4.14	Sqm
						Qty on this Bill	4.14	Sqm

AEE(P) 2 RRN

Contractor Representative

QUALITY CONSULTANTS & ENGINEERS CIVIL Bangalore

Consultant Representative

Assistant Engineer
RR Nagara Division (Project)

Asst.Executive Engineer
RR Nagara Division (Project)

Scanned with CamScanner

BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work:-Construction of Market Building At Jp Park in Ward No 17.

Measurement Sheet

Third and Part Bill

Item No:	31	
Item:	Providing and laying in position reinforced cement cocnrete of design mix M20 with OPC cement @ 27.20 Kgs with 12mm & down sizes graded grantie metal coarse aggregated @ 0.5865 cum & fine aggregates, @ 0.391 Cum with super super plastisiser @ 0.225 Ltrs maichine mixed well compacted plain chajja 7.5 Cms avg thickness, up to ground floor level including removing centering, shuttering, strutting, propping etc., and removal of form work for cost of all materials, laobur HOM of machinary, curing complete as per specification - Third Floor	

CHAINAGE / Land Mark	NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
Third Floor								
W	2.00	2.30			0.60		2.76	
						Total Qty Work Done	2.76	Sqm
						Qty on this Bill	2.76	Sqm

AEE(P)-2 RRN

Contractor Representative

Consultant Representative

Assistant Engineer
RR Nagara Division (Project)

Asst.Executive Engineer
RR Nagara Division (Project)

Scanned with CamScanner

BRUHAT BANGALORE MAHANAGARA PALIKE

me of Work:-Construction of Market Building At Jp Park in Ward No 17.

Measurement Sheet

Third and Part Bill

em lo:	32								
em me:	Extra For providing throating or drip moulding to RCC chajjas with plastreing(labour charges only), as perspecification-Second Floor								
	CHAINAGE / **Land Mark**	**NO**	**L** (m)	**B** (m)	**B1** (m)	**Avg B** (m)	**D** (m)	**QTY**	**REMARKS**
	Second Floor								
	W	3.00	3.50					10.50	
							Total Qty Work Done	**10.50**	**Rmt**
							Qty on this Bill	**10.50**	**Rmt**

AEE(P)-2 RRN

CIVIL QUALITY CONSULTANTS & ENGINEERS Bangalore

Contractor Representative

Consultant Representative

Assistant Engineer
RR Nagara Division (Project)

Asst.Executive Engineer
RR Nagara Division (Project)

Scanned with CamScanner

BRUHAT BANGALORE MAHANAGARA PALIKE

Work:-Construction of Market Building At Jp Park in Ward No 17.

Measurement Sheet

Third and Part Bill

em o:	33
em me:	Extra For providing throating or drip moulding to RCC chajjas with plastreing(labour charges only), as perspecification- Third Floor

CHAINAGE / Land Mark	NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
Third Floor								
W	2.00	3.50					7.00	
						Total Qty Work Done	**7.00**	**Rmt**
						Qty on this Bill	**7.00**	**Rmt**

AEE(P)-2 RRN

Contractor Representative

CONSULTANTS & ENGINEERS CIVIL QUALITY Bangalore

Consultant Representative

Assistant Engineer
RR Nagara Division (Project)

Asst.Executive Engineer
RR Nagara Division (Project)

Scanned with CamScanner

BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work:-Construction of Market Building At Jp Park in Ward No 17.

Measurement Sheet

Third and Part Bill

Item No:	34	
Item Name:	Providing and removing centering, shuttering, strutting, propping etc., for chajjas, corbels of all shapes & sizes, at all elevations & heights -Second Floor	

CHAINAGE / Land Mark	NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
Second Floor								
W	3.00	2.30			0.60		4.14	
						Total Qty Work Done	**4.14**	**Cum**
						Qty on this Bill	**4.14**	**Cum**

AEE(P)-2 RR

Contractor Representative

CIVIL QUALITY CONSULTANTS & ENGINEERS Bangalore

Consultant Representative

Assistant Engineer
RR Nagara Division (Project)

Asst.Executive Engineer
RR Nagara Division (Project)

Scanned with CamScanner

BRUHAT BANGALORE MAHANAGARA PALIKE

Work:-Construction of Market Building At Jp Park in Ward No 17.

Measurement Sheet

Third and Part Bill

m o:	35
m ne:	Providing and removing centering, shuttering, strutting, propping etc., for chajjas, corbels of all shapes & sizes, at all elevations & heights -Third Floor

CHAINAGE / Land Mark	NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
Second Floor								
W	2.00	2.30			0.60		2.76	
						Total Qty Work Done	**2.76**	**Sqm**
						Qty on this Bill	**2.76**	**Sqm**

AEE(P)-2 RR

QUALITY CONSULTANTS & ENGINEERS Bangalore CIVIL

Contractor Representative

Consultant Representative

Assistant Engineer
RR Nagara Division (Project)

Asst.Executive Engineer
RR Nagara Division (Project)

Scanned with CamScanner

BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work:-Construction of Market Building At Jp Park in Ward No 17.

Measurement Sheet

Third and Part Bill

Item No:	40
Item Name:	Providing and removing centering, shuttering, strutting, propping etc., for columns, pillars, piers, abutments, post and struts, square / rectangular / polygon in plan including cost of all materials, labour complete as per specification. Specification No. KBS 4.6.2 -Terrece Floor

CHAINAGE / Land Mark	NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
Terrace Floor								
Dummy Columns	60.00	1.80				0.600	64.80	

AEE(P)-2 RR

t Bill	**Qty**	**0.00**	**Sqm**
ond Bill	**Qty**		
vide on Measurement Sheet...File No - 2, Page No - 394	**Qty**	**44.61**	**Sqm**
d Bill	**Qty**	**64.80**	**Sqm**
	Total Qty Workdone	**109.41**	**Sqm**
	Deduct Paid Qty	**29.10**	**Sqm**
	Qty on this Bill	**0.00**	**Sqm**
	Reserved Qty Want Of Approval	**64.80**	**Sqm**

CIVIL QUALITY CONSULTANTS & ENGINEERS Bangalore

Contractor Representative

Consultant Representative

Assistant Engineer
RR Nagara Division (Project)

Asst.Executive Engineer
RR Nagara Division (Project)

Scanned with CamScanner

BRUHAT BANGALORE MAHANAGARA PALIKE

e of Work:-Construction of Market Building At Jp Park in Ward No 17.

Measurement Sheet

Third and Part Bill

m	45
m	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for flat surface such as suspended floors, roofs, landings, balconies and likes, thickness upto 200 mm including cost of all materials, labour complete as per specifications. Specification upto 3.5 m from Ground level -Terrece Floor

	CHAINAGE / Land Mark	NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
	Lift slab	1.00	5.100	2.400				12.24	
Bill								**0.00**	**Sqm**
nd Bill									
vide on Measurement Sheet...File No - 2, Page No - 392							**Qty**	**36.17**	**Sqm**
1 Bill								**12.24**	**Sqm**
							Total Qty Workdone	**48.41**	**Sqm**
							Deduct Paid Qty	**36.17**	**Sqm**
							Qty on this Bill	**12.24**	**Sqm**

AEE(P)-2 RRN

Contractor Representative

QUALITY CONSULTANTS & ENGINEERS Bangalore

Consultant Representative

Assistant Engineer
RR Nagara Division (Project)

Asst.Executive Engineer
RR Nagara Division (Project)

Scanned with CamScanner

BRUHAT BANGALORE MAHANAGARA PALIKE

e of Work:-Construction of Market Building At Jp Park in Ward No 17.

Measurement Sheet

Third and Part Bill

	46
	Providing and removing centring, shuttering, strutting, proping etc., and removal of form work for stairs (excluding landing) except spiral staircase including cost of all materials,labour complete as per specification and directed by the Engineer in Charge - Ground Floor to First Floor

CHAINAGE / Land Mark	NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
Staircase - GF to FF								
Front Staircase - 1								
Steps	9.00	2.00				0.30	5.40	
Waist slab	1.00	2.00	3.30				6.60	
Sides	2.00	3.30				0.30	1.98	
Front Staircase - 2								
Steps	9.00	2.00				0.30	5.40	
Waist slab	1.00	2.00	3.30				6.60	
Sides	2.00	3.30				0.30	1.98	
Front Staircase - 3								
Steps	9.00	2.00				0.30	5.40	
Waist slab	1.00	2.00	3.30				6.60	
Sides	2.00	3.30				0.30	1.98	
Front Staircase - 4								
Steps	9.00	2.00				0.30	5.40	
Waist slab	1.00	2.00	3.30				6.60	
Sides	2.00	3.30				0.30	1.98	

AEE(P)-2 RR

Bill		
ride on Measurement Sheet...File No - 2, Page No - 183 Qty	**67.66**	**Sqm**
nd Bill	**0.00**	**Sqm**
l Bill	**55.92**	**Sqm**
Total Qty Workdone	**123.58**	**Sqm**
Deduct Paid Qty	**24.50**	**Sqm**
Qty on this Bill	**0.00**	**Sqm**
Reserved Qty Want Of Approval	**55.92**	**Sqm**

CIVIL CONSULTANTS & ENGINEERS Bangalore QUALITY

Contractor Representative

Consultant Representative

Assistant Engineer
RR Nagara Division (Project)

Asst.Executive Engineer
RR Nagara Division (Project)

Scanned with CamScanner

BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work:-Construction of Market Building At Jp Park in Ward No 17.

Measurement Sheet

Third and Part Bill

Item NO	Description	Unit	Dia	No.	Length	Breadth	Depth	Quantity	Remarks
	Reinforcement Work								
51	Providing TMT Steel reinforcement for RCC works including straightening, cutting, bending, hooking, placing in position lapping and / or welding wherever required, tieng with binding wire and anchoring to the adjoining members wherever necessary, complete as per design (laps, hooks and wastage shall not be measured and paid) cost of all materials, labour, HOM of machineries etc., complete as per specifications. . FOR TMT Bars Fe- 500 - First Floor								
	Front Staircase								
	Main bars	mt	10mm	4X15	4.50			167.40	
	Distribution bars	mt	8mm	4X23	2.00			72.68	
						Weight in kgs		240.08	
						Weight in Tonne		0.24	
	First Bill					**Qty**			
Qty vide on Measurement Sheet...File No - 2, Page No - 179						**Qty**		**29.21**	**MT**
Second Bill									
Qty vide on Measurement Sheet...File No - 2, Page No - 391						**Qty**		**0.26**	**MT**
Third Bill						**Qty**		**0.24**	**MT**
						Total Qty Workdone		**29.71**	**MT**
						Deduct Paid Qty		**29.47**	**MT**
						Qty on this Bill		**0.24**	**MT**

AEE(P)-2 RR

CIVIL QUALITY CONSULTANTS & ENGINEERS Bangalore

Contractor Representative

Consultant Representative

Assistant Engineer
RR Nagara Division (Project)

Asst.Executive Engineer
RR Nagara Division (Project)

Scanned with CamScanner

BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work:-Construction of Market Building At Jp Park in Ward No 17.

Measurement Sheet

Third and Part Bill

Item NO	Description	Unit	Dia	No.	Length	Breadth	Depth	Quantity	Remarks
	Reinforcement Work								
52	Providing TMT Steel reinforcement for RCC works including straightening, cutting, bending, hooking, placing in position lapping and / or welding wherever required, tieng with binding wire and anchoring to the adjoining members wherever necessary, complete as per design (laps, hooks and wastage shall not be measured and paid) cost of all materials, labour, HOM of machineries etc., complete as per specifications. . FOR TMT Bars Fe- 500 - Second Floor								
	Second Floor Lintels								
	Bath room Inside Doors								
	Main bars	mt	12mm	4X8	1.05			29.84	
	Rings	mt	8mm	8X8	0.5			12.64	
							Weight in kgs	42.48	
							Weight in Tonne	0.04	

AEE(P)-2 RRN

First Bill	**Qty**		
Qty vide on Measurement Sheet...File No - 2, Page No - 178	**Qty**	**25.75**	**MT**
Second Bill			
Qty vide on Measurement Sheet...File No - 2, Page No - 390	**Qty**	**0.05**	**MT**
Third Bill	**Qty**	**0.04**	**MT**
	Total Qty Workdone	**25.84**	**MT**
	Deduct Paid Qty	**25.80**	**MT**
	Qty on this Bill	**0.00**	**MT**
	Reserved Qty Want Of Approval	**0.04**	**MT**

Contractor Representative

QUALITY CONSULTANTS & ENGINEERS Bangalore

Consultant Representative

Assistant Engineer
RR Nagara Division (Project)

Asst.Executive Engineer
RR Nagara Division (Project)

Scanned with CamScanner

BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work:-Construction of Market Building At Jp Park in Ward No 17.

Measurement Sheet

Third and Part Bill

Item NO	Description	Unit	Dia	No.	Length	Breadth	Depth	Quantity	Remarks
	Reinforcement Work								
53	Providing TMT Steel reinforcement for RCC works including straightening, cutting, bending, hooking, placing in position lapping and / or welding wherever required, tieng with binding wire and anchoring to the adjoining members wherever necessary, complete as per design (laps, hooks and wastage shall not be measured and paid) cost of all materials, labour, HOM of machineries etc., complete as per specifications.. FOR TMT Bars Fe-500 - Third Floor								
	Third Floor Columns								
	Third Floor Lintels								
	Bath room Inside Doors								
	Main bars	mt	12mm	4X8	1.05			29.84	
	Rings	mt	8mm	8X8	0.5			12.64	
						Weight in kgs		42.48	
						Weight in Tonne		0.04	
First Bill							**Qty**	**0.00**	**MT**
Second Bill									
Qty vide on Measurement Sheet...File No - 2, Page No - 385							**Qty**	**25.80**	**MT**
Third Bill							**Qty**	**0.04**	**MT**
							Total Qty Workdone	**25.84**	**MT**
							Deduct Paid Qty	**25.80**	**MT**
							Qty on this Bill	**0.00**	**MT**
							Reserved Qty Want Of Approval	**0.04**	**MT**

AEE(P)-2 RRN

QUALITY CONSULTANTS & ENGINEERS Bangalore

Contractor Representative

Consultant Representative

Assistant Engineer
RR Nagara Division (Project)

Asst.Executive Engineer
RR Nagara Division (Project)

Scanned with CamScanner

BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work:-Construction of Market Building At Jp Park in Ward No 17.

Measurement Sheet

Third and Part Bill

Item NO	Description	Unit	Dia	No.	Length	Breadth	Depth	Quantity	Remarks
	Reinforcement Work								
54	Providing TMT Steel reinforcement for RCC works including straightening, cutting, bending, hooking, placing in position lapping and / or welding wherever required, tieng with binding wire and anchoring to the adjoining members wherever necessary, complete as per design (laps, hooks and wastage shall not be measured and paid) cost of all materials, labour, HOM of machineries etc., complete as per specifications. Specification No.KBS 4.6.3. FOR TMT Bars Fe- 500 - Terrece Floor								
	Terrace Floor								
	Lift slab								
	Beams-4B1								
	4B1 (200X450) T & B	Mt	16mm	1X2	2.56			8.09	
	Top extra bar	Mt	20mm	1X2	2.56			12.65	
	Ring - 150 C/C	Mt	8mm	23	1.13			10.27	
	Beams- 4B2								
	4B2 (230X450) T & B	Mt	16mm	2X2	2.56			16.18	
	Top extra bar	Mt	20mm	2X2	2.56			25.29	
	Ring - 150 C/C	Mt	8mm	46	1.43			25.98	
	Beams - 4B3								
	4B3 (200X450) T & B	Mt	16mm	2X2	5.36			33.88	
	Top extra bar	Mt	20mm	2X2	5.36			52.96	
	Ring - 150 C/C	Mt	8mm	70	1.13			31.24	
	Slab Reinforcement								
	Main bar - A reinforcement	Mt	10mm	35	2.35			48.59	
	Top bar	Mt	10mm	16	5.10			50.35	
	Terrace Floor Lintels								
	Window- Main bars	mt	12mm	4X1	2.40			8.52	
	Window - Ring	mt	8mm	20X1	0.90			7.11	
	Door - Main bars	mt	12mm	1X4	1.80			6.39	
	Door - Ring	mt	8mm	1X14	0.90			1.42	
	Dummy Columns								
	C5	mt	16mm	49x4	0.6			185.81	
		mt	12mm	49x4	0.6			104.43	
	C6	mt	16mm	3x10	0.6			28.44	
		mt	12mm	3x2	0.6			3.20	
	C7	mt	16mm	6x4	0.6			22.75	
		mt	12mm	6x8	0.6			25.57	
	C8	mt	20 mm	2x12	0.6			35.57	
	Ring 200c/c								
	C5	mt	8mm	49x5	1.60			154.84	
		mt	8mm	49x5	0.75			72.58	
		mt	8mm	49x5	0.35			33.87	
	C6	mt	8mm	3x5	1.60			9.48	
		mt	8mm	3x5	0.75			4.44	
		mt	8mm	3x5	0.35			2.07	
	C7	mt	8mm	6x5	1.60			18.96	

AEE(P)-2 Ring

Scanned with CamScanner

	mt	8mm	6x5	0.75			8.89	
	mt	8mm	6x5	0.35			4.15	
C8	mt	8mm	2x5	1.60			6.32	
	mt	8mm	2x5	0.75			2.96	
	mt	8mm	2x5	0.35			1.38	
						Weight in kgs	1064.64	
					Weight in Tonne		**1.06**	

AEE(P)-2 RR

First Bill	**Qty**	**0.00**	**MT**
Second Bill			
Qty vide on Measurement Sheet...File No - 2, Page No - 383	**Qty**	**2.22**	**MT**
Third Bill	**Qty**	**1.06**	**MT**
	Total Qty Workdone	**3.28**	**MT**
	Deduct Paid Qty	**2.20**	**MT**
	Qty on this Bill	**0.00**	**MT**
	Reserved Qty Want Of Approval	**1.06**	**MT**

Contractor Representative

QUALITY CONSULTANTS & ENGINEERS * CIVIL * Bangalore

Consultant Representative

Assistant Engineer
RR Nagara Division (Project)

Asst.Executive Engineer
RR Nagara Division (Project)

Scanned with CamScanner

BRUHAT BANGALORE MAHANAGARA PALIKE

Work:-Construction of Market Building At Jp Park in Ward No 17.

Measurement Sheet

Third and Part Bill

59	

Providing and constructing load bearing wall with solid concrete blocks having block density not less than 1800kg/m3 having a minimum average compressive strength of 5.00 N/mm2 confirming to IS 2185 (Part 1):2005 and constructed with CM 1:4, as per IS 2572:2005 including cost of all materials labour charges, scaffolding, curing, hire charges of machineries etc., complete as per specifications. KBS No.5.4 - do - with solid concrete blocks of size 400x200x200mm Terrece Floor

CHAINAGE / Land Mark	NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
Head Room wall	1.00	23.40				0.40	9.36	
Lift wall	1.00	1.00				0.40	0.40	
	2.00	2.40				0.40	1.92	
Lift Machine Room wall	2.00	2.37				0.40	1.89	
Head Room exit wall	1.00	6.10				0.40	2.44	

t Bill	0.00	Sqm
ond Bill		
vide on Measurement Sheet...File No - 2, Page No - 375 Qty	224.38	Sqm
d Bill	16.01	Sqm
Total Qty Workdone	240.39	Sqm
Deduct Paid Qty	191.90	Sqm
Qty on this Bill	0.00	Sqm
Reserved Qty Want Of Approval	16.01	Sqm

AEE(P)-2 RR

Contractor Representative

QUALITY CONSULTANTS & ENGINEERS CIVIL Bangalore

Consultant Representative

Assistant Engineer
RR Nagara Division (Project)

Asst.Executive Engineer
RR Nagara Division (Project)

Scanned with CamScanner

BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work:-Construction of Market Building At Jp Park in Ward No 17.

Measurement Sheet

Third and Part Bill

Item No:	66	
Item Name:	Providing 18mm thick cement plaster in single coat with cement mortor 1:3 to Brick masonary including rounding off corners wherver required smooth rendering,: Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications Externel - Terrece Floor	

CHAINAGE / Land Mark	NO	L (m)	B (m)	B1 (m)	Avg B (m)	D (m)	QTY	REMARKS
Height increased from 3.2 to 3.6								
Head Room wall	1.00	27.00				0.40	10.80	
Dummy Columns								
Sides	60.00	1.80				0.60	64.80	
Top	60.00	0.60			0.60		21.60	
1st Bill							**0.00**	**Sqm**
2nd Bill								
vide on Measurement Sheet...File No - 2, Page No - 368						**Qty**	**393.21**	**Sqm**
3rd Bill							**97.20**	**Sqm**
						Total Qty Workdone	**490.41**	**Sqm**
						Deduct Paid Qty	**354.30**	**Sqm**
						Qty on this Bill	**0.00**	**Sqm**
						Reserved Qty Want Of Approval	**97.20**	**Sqm**

AEE(P) RRN

Contractor Representative

CIVIL QUALITY CONSULTANTS & ENGINEERS Bangalore

Consultant Representative

Assistant Engineer
RR Nagara Division (Project)

Asst.Executive Engineer
RR Nagara Division (Project)

Scanned with CamScanner